

Product Datasheet

MDG1 Antibody NBP1-78785

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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Publications: 1

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NBP1-78785

MDG1 Antibody

Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

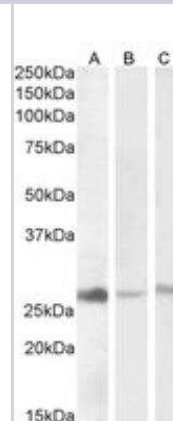
Product Description	
Description	Novus Biologicals Goat MDG1 Antibody (NBP1-78785) is a polyclonal antibody validated for use in WB, ELISA, Flow and ICC/IF. Anti-MDG1 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Goat
Gene ID	4189
Gene Symbol	DNAJB9
Species	Human, Mouse
Immunogen	This MDG1 Antibody was developed against a peptide with sequence C-PDAEAKFREIAEAYE corresponding to internal region according to NP_036460.1.

Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Peptide ELISA
Recommended Dilutions	Western Blot 1 - 3 ug/mL, Flow Cytometry 10 ug/mL, Immunocytochemistry/ Immunofluorescence 10 ug/mL, Peptide ELISA Detection limit 1:16000

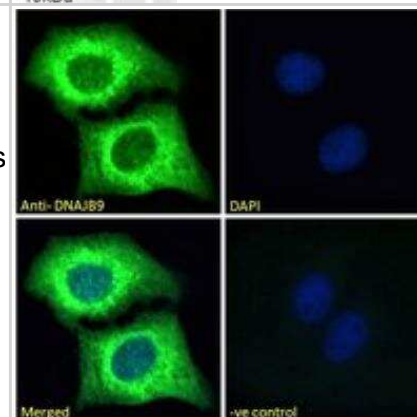


Images

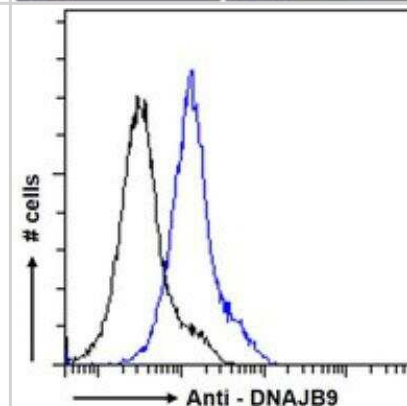
Western Blot: MDG1 Antibody [NBP1-78785] - Staining of Human Liver (A), Kidney (B) and -Mouse Liver (C) lysate (35 ug protein in RIPA buffer) with antibody at 1 ug/mL. Detected by chemiluminescence. Approx 26-27 kDa band observed in Human Liver and Kidney lysates and approx. 28 kDa in Mouse Liver lysates (calculated MW of 25.5 kDa according to Human NP_036460.1 and 25.6 kDa according to Mouse NP_038788.2).



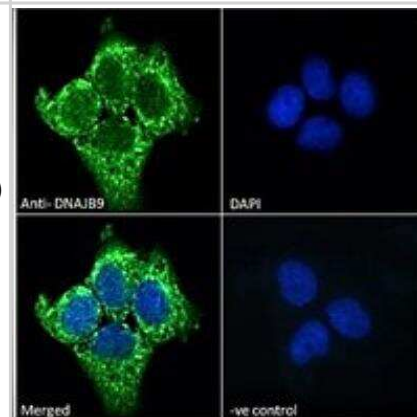
Immunocytochemistry/Immunofluorescence: MDG1 Antibody [NBP1-78785] - Immunofluorescence analysis of paraformaldehyde fixed U2OS cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10 ug/mL) followed by Alexa Fluor 488 secondary antibody (2 ug/mL), showing endoplasmic reticulum/cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10 ug/mL) followed by Alexa Fluor 488 secondary antibody (2 ug/mL).



Flow Cytometry: MDG1 Antibody [NBP1-78785] - Flow cytometric analysis of paraformaldehyde fixed A431 cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10 ug/mL) followed by Alexa Fluor 488 secondary antibody (1 ug/mL). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.



Immunocytochemistry/Immunofluorescence: MDG1 Antibody [NBP1-78785] - Immunofluorescence analysis of paraformaldehyde fixed A431 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10 ug/mL) followed by Alexa Fluor 488 secondary antibody (2 ug/mL), showing endoplasmic reticulum and cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10 ug/mL) followed by Alexa Fluor 488 secondary antibody (2 ug/mL).



Publications

Ushioda R, Hoseki J, Nagata K et al. Glycosylation-independent ERAD pathway serves as a backup system under ER stress. *Mol Biol Cell* 2013-08-21 [PMID: 23966469] (WB, Human)



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Products Related to NBP1-78785

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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